

# eye2eye

A brainstorm-app to ease participation  
on land-consolidation in Europe

Land-consolidation meets WhatsApp

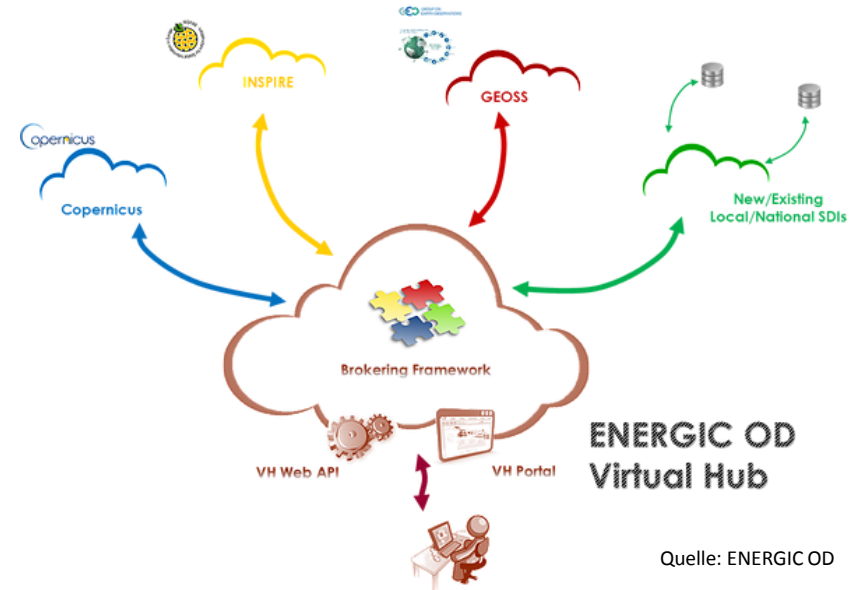
Carsten Schumann

GeoDev Meetup

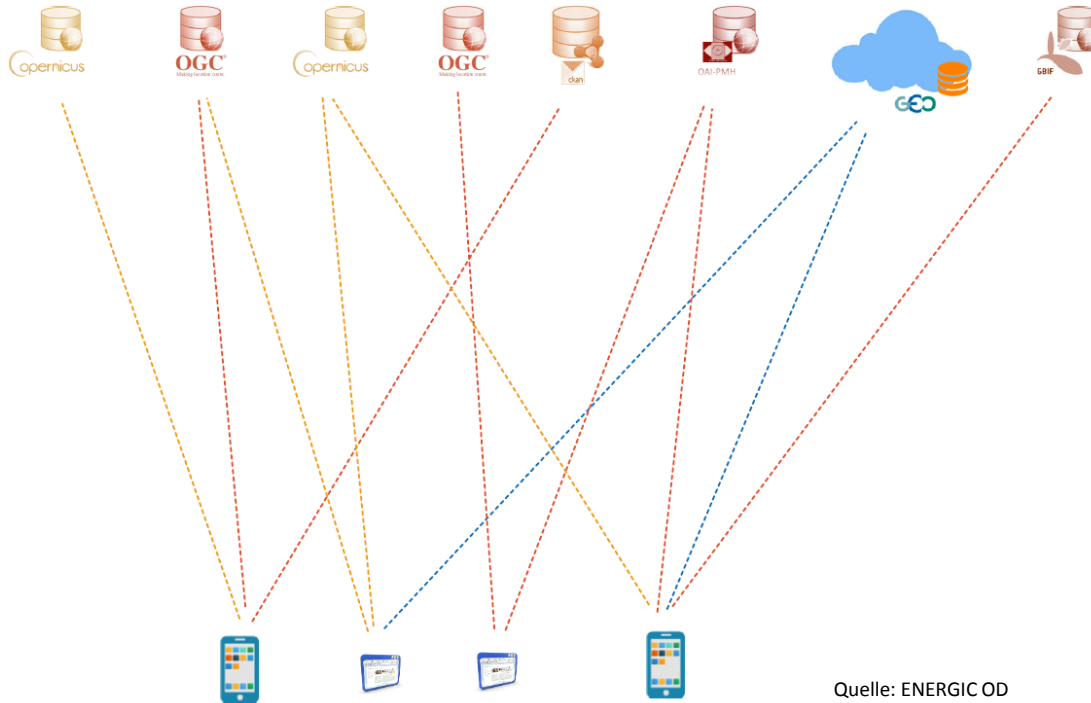
- European **NE**twork for **RE**distributing **GE**ospatial **IN**formation to user **CO**munities – **OP**en **DA**ta

<http://www.energic-od.eu>

- harmonise data-access for all brokered services
- implement a central single-access-point for any kind of geoinformation



- Single point of access



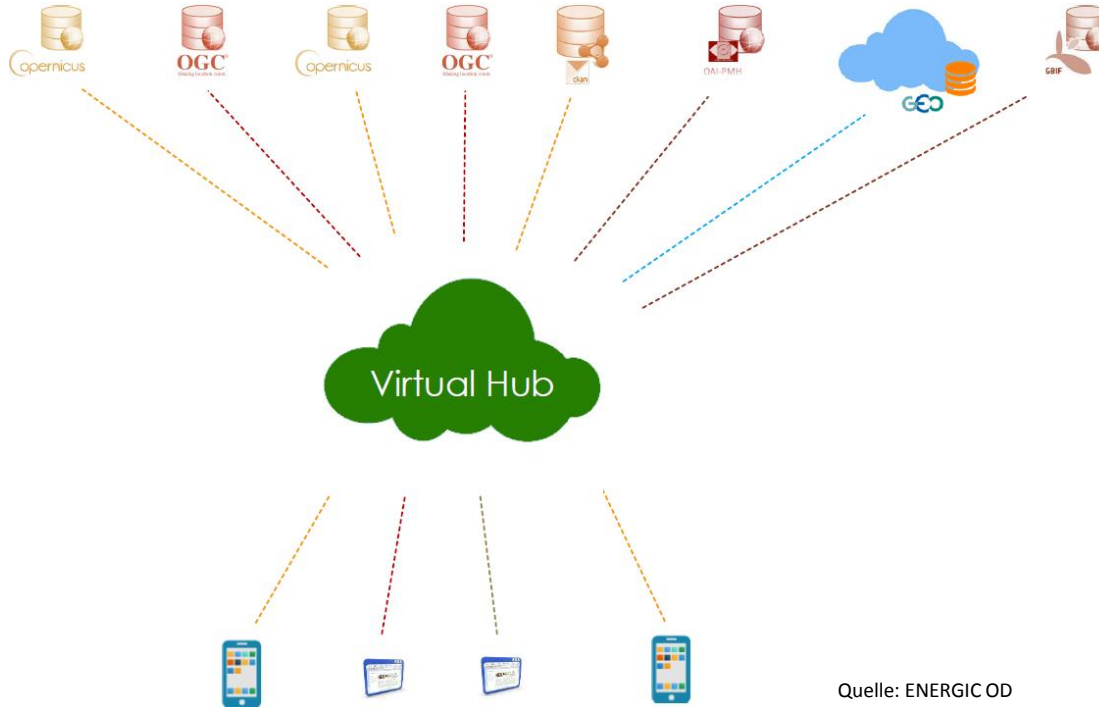
M... number of sources

M x N-matrix

N... Number of clients

Quelle: ENERGIC OD

- Single point of access



M... number of sources

M + N-matrix

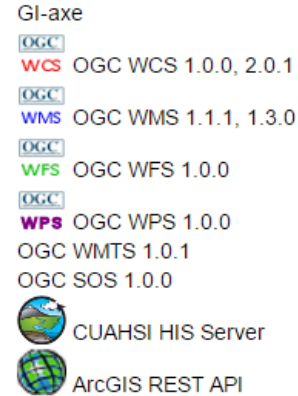
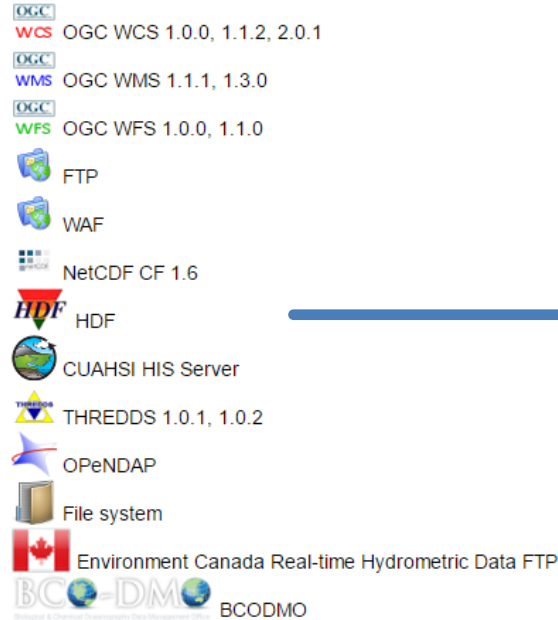
N... Number of clients

Quelle: ENERGIC OD

- **GI-cat from CNR (Consiglio Nazionale delle Ricerche, Italy)**
- **enables searching for data on the internet**
- **harvests metadata from different resources:**
  - OGC-services, catalog-services, feeds, Shapefile, GeoNetwork, IRIS-Event, OAI, Flickr, NetCDF...
- **publishes different catalog-interfaces:**
  - CSW, OpenSearch, CKAN, OAI-PMH...

# Access data

- **GI-axe from CNR**
- **transforming data**
  - data-format
  - spatial reference-system
  - spatial subset
  - resampling



Quelle: CNR

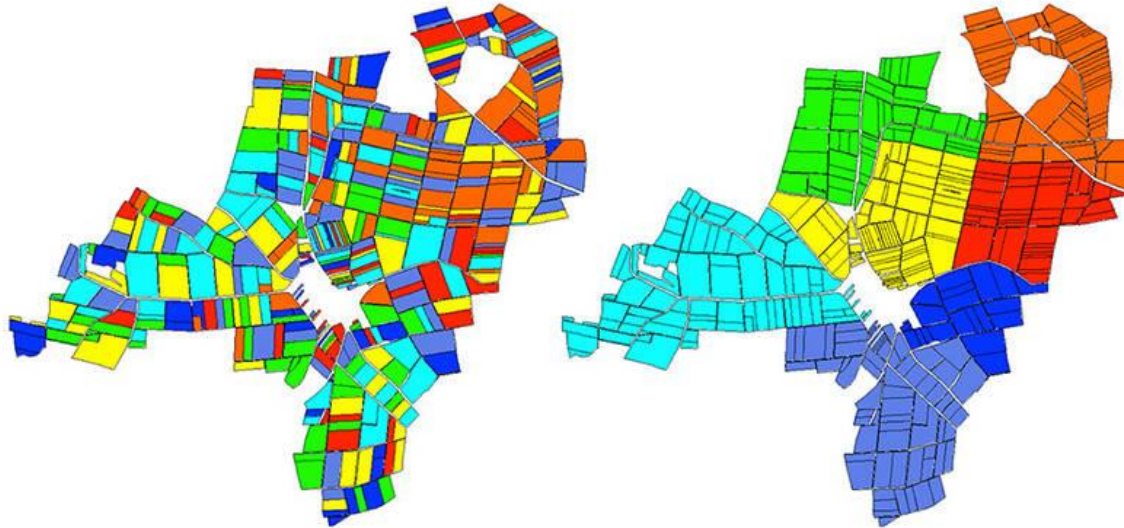
- **Open Knowledge Foundation: „freely and generally accessible“**

- free != free of charge
- available and discoverable
- re-usable and re-distributable
- machine-readable
- universal

Tim Berners-Lee's 5 star Open Data deployment scheme for Open Data	
	make your stuff available on the Web ( <i>whatever format</i> ) <b>NOT</b> under an open license
★	make your stuff available on the Web ( <i>whatever format</i> ) <b>under</b> an open license
★ ★	make it available as structured data (e.g. <i>vector data instead of a scan of a map</i> )
★ ★ ★	structured non-proprietary formats (e.g. <i>gml instead of shapefile</i> )
★ ★ ★ ★	use URIs to denote things, so that people can point at your stuff
★ ★ ★ ★ ★	link your data to other data to provide context

Quelle: ENERGIC OD

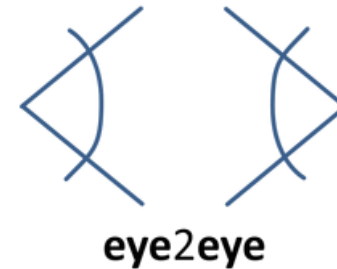
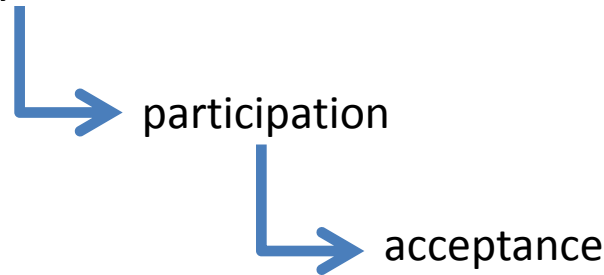
# Land-consolidation in Germany



Quelle: [https://www.tum.de/typo3temp/\\_processed\\_/csm\\_Flurbereinigung\\_900\\_3b2c95a53a.jpg](https://www.tum.de/typo3temp/_processed_/csm_Flurbereinigung_900_3b2c95a53a.jpg)

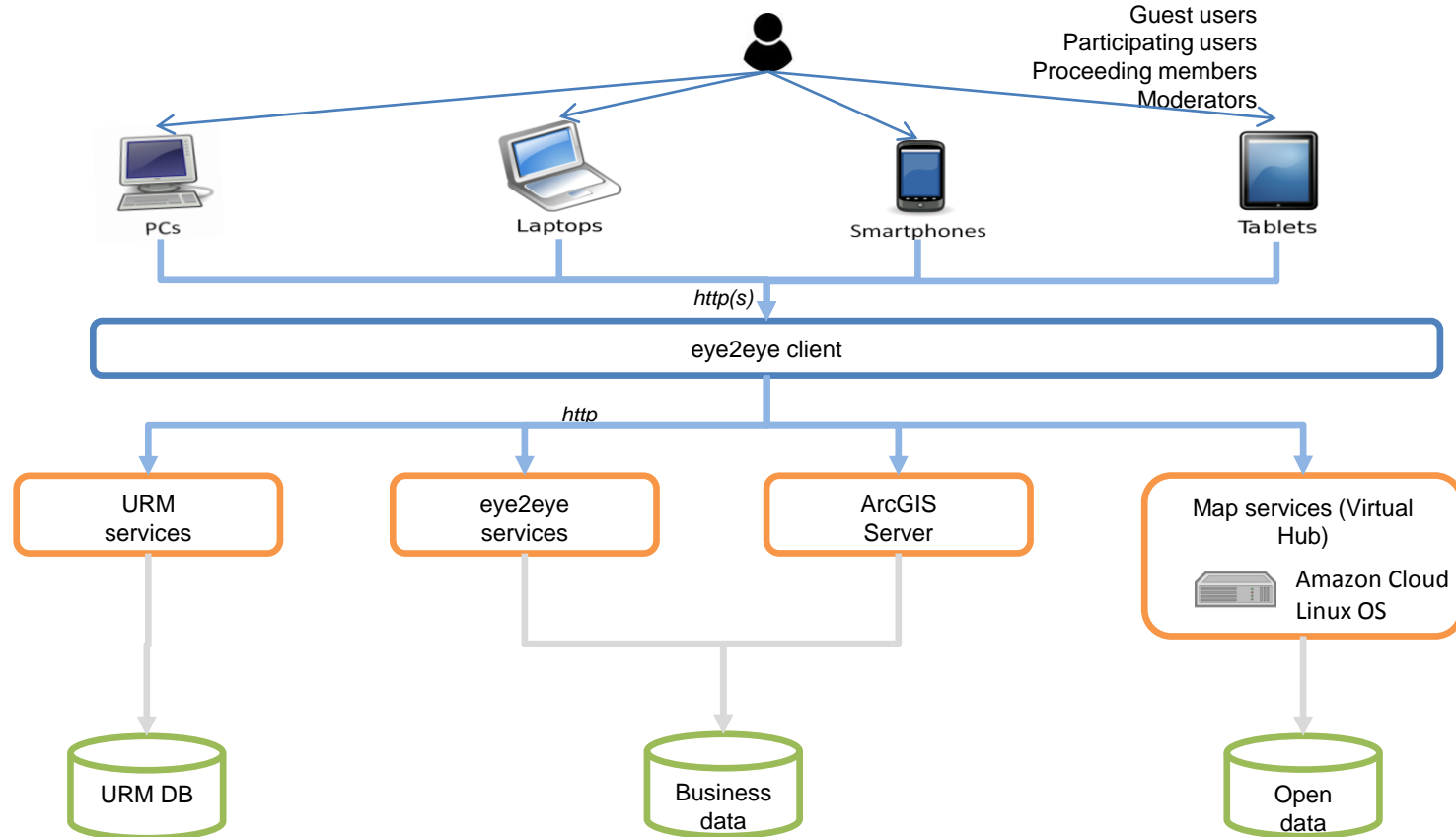


- **smart-government**
  - transparency
  - flexibility of joining
  - quality of information

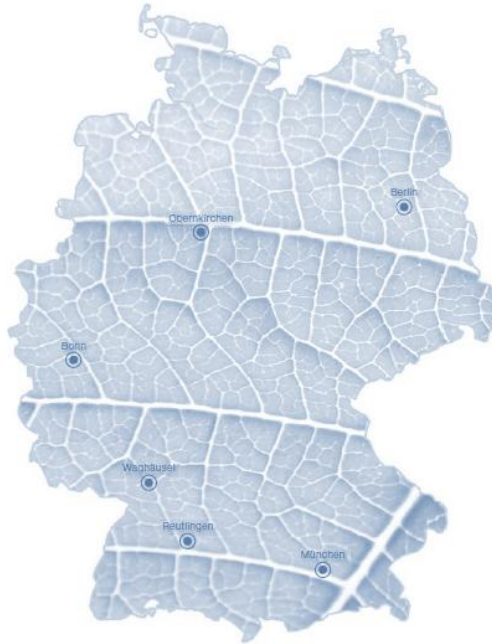


- **Ministerium für Ländliche Entwicklung, Umwelt und Landwirtschaft des Landes Brandenburg**
- **Verband für Landentwicklung und Flurneuordnung BB**

# eye2eye architecture



# Thank you for paying attention



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